

## WEST Search History for Application 10552155

Creation Date: 2010063015:40

pyrosequenc\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
pyrosequenc\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ ) same (copy number)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ same (copy number) ) and (cotnrol nucleic acid)PGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ same (copy number) ) and (control near nucleic acid)PGPB, USPT, USOC,  
EPAB, DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ ) and (control near nucleic acid)PGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ and (control near nucleic acid) ) and copy numberPGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ and (control near nucleic acid) and copy number ) and primer  
extensionPGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ and (control near nucleic acid) and copy number and primer extension ) and  
quanti\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ ) and (co-amplif\$)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(pyrosequenc\$ and (co-amplif\$) ) and (control near nucleic acid)PGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
US-20070148646-A1.did.PGPB 08-14-2008  
20040037388PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
sequential dispensationPGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
sequential dispensationPGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(sequential dispensation ) same primer extensionPGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
(sequential dispensation ) and primer extensionPGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
(sequential dispensation ) and (primer near extension)PGPB, USPT, USOC, EPAB,  
DWPI ADJ YES 08-14-2008  
Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin  
phosphotransferase or acetolactate synthase or acetohydroxyacid synthasePGPB, USPT,  
USOC, EPAB, DWPI ADJ YES 08-14-2008  
(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin  
phosphotransferase or acetolactate synthase or acetohydroxyacid synthase ) and  
(acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthease or  
robpse phosphate pyrophosokinase)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin  
phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and  
(acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthease or  
robpse phosphate pyrophosokinase) ) and (prosequenc\$ or co-amplification or primer  
extension or control or copy number)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin  
phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and  
(acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthease or  
robpse phosphate pyrophosokinase) ) and (prosequenc\$ or co-amplification or copy  
number)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008  
(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin

phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and (acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthase or robpse phosphate pyrophosphokinase) and (prosequenc\$ or co-amplification or copy number) ) and controlPGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008

(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and (acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthase or robpse phosphate pyrophosphokinase) and (prosequenc\$ or co-amplification or copy number) and control ) and (relative near amount)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008

(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and (acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthase or robpse phosphate pyrophosphokinase) and (prosequenc\$ or co-amplification or copy number) and control and (relative near amount) ) and primer extensionPGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008

(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and (acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthase or robpse phosphate pyrophosphokinase) and (prosequenc\$ or co-amplification or copy number) and control and (relative near amount) and primer extension ) and (pyrosequenc\$)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008

(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and (acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthase or robpse phosphate pyrophosphokinase) and (prosequenc\$ or co-amplification or copy number) and control and (relative near amount) ) and pyrosequenc\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008

(Neomycin phosphotransferase or phosphinothricin acetyl transferase or hygromycin phosphotransferase or acetolactate synthase or acetohydroxyacid synthase and (acetolactate synthase or actin or profilin or ferredoxin-dependent glutamate synthase or robpse phosphate pyrophosphokinase) and (prosequenc\$ or co-amplification or copy number) and control ) and pyrosequenc\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 08-14-2008

amplification same coamplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
coamplif\$ same plateauPGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
control same plateauPGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
(control same plateau ) same amplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
(control same plateau same amplif\$ ) same co-amplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

(control same plateau same amplif\$ ) and co-amplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

11/176795PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

6605451.pn.PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

20030054386.pn.PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

(20030054386.pn. ) and coamplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
(20030054386.pn. and coamplif\$ ) and (plateau or exponential phase)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

5705365.pn.PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

(5705365.pn. ) and (control)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

(5705365.pn. ) and coamplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
pyrosequenc\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009

(pyrosequenc\$ ) same coamplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ ) and coamplif\$PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ and coamplif\$ ) and plateauPGPB, USPT, USOC, EPAB,  
 DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ and coamplif\$ ) and submaximalPGPB, USPT, USOC, EPAB,  
 DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ ) and (plateau or submaximal or exponential phase)PGPB, USPT, USOC,  
 EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ and (plateau or submaximal or exponential phase) ) and (control or standard  
 or reference)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ and (plateau or submaximal or exponential phase) and (control or standard  
 or reference) ) and (coamplif\$)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ ) and (plateau or submaximal or stopped or exponential phase)PGPB, USPT,  
 USOC, EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ and (plateau or submaximal or stopped or exponential phase) ) and (control  
 or standard or rerefence)PGPB, USPT, USOC, EPAB, DWPI ADJ YES 04-01-2009  
 (pyrosequenc\$ and (plateau or submaximal or stopped or exponential phase) and (control or  
 standard or rerefence) ) and (co-amplif\$)PGPB, USPT, USOC, EPAB,  
 DWPI ADJ YES 04-01-2009  
 ( (6605451.pn. ) or (5705365.pn. ) ) and (coamplif\$ or submax\$ or plateau)PGPB, USPT,  
 USOC, EPAB, DWPI ADJ YES 04-01-2009

## Prior Art Searches

| Query  | DB                                 | Op. | Plur. | Thes. | Date       |
|--|------------------------------------|-----|-------|-------|------------|
| 5705365.pn.  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES   |       | 11-22-2009 |
| copy number same coamplif\$  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES   |       | 11-22-2009 |
| (copy number same coamplif\$ ) and (target<br>near amplicon)                                 | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES   |       | 11-22-2009 |
| (copy number same coamplif\$ ) and (target<br>same (reference or control))                   | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES   |       | 11-22-2009 |
| (copy number same coamplif\$ and (target same<br>(reference or control)) ) and pyrosequenc\$ | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES   |       | 11-22-2009 |
| coamplif\$ and (target same (reference or<br>control))                                       | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES   |       | 11-22-2009 |
| (coamplif\$ and (target same (reference or<br>control)) ) same (submax\$)                    | PGPB, USPT,<br>USOC, EPAB,         | ADJ | YES   |       | 11-22-2009 |

|  |                              |     |     |  |            |
|--|------------------------------|-----|-----|--|------------|
|  | DWPI                         |     |     |  |            |
| (coamplif\$ and (target same (reference or control)) ) and (submax\$)  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (coamplif\$ and (target same (reference or control)) and (submax\$) ) and pyrosequenc\$                      | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (coamplif\$ and (target same (reference or control)) and (submax\$) ) and copy number                        | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (coamplif\$ and (target same (reference or control)) ) and (different near (primer pairs))                   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (coamplif\$ and (target same (reference or control)) ) and (different near (primer pairs)) and pyrosequenc\$ | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (20050089862 or 5840487) and submax\$  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| 20050089862 and submax\$   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (20050089862 or 5840487) and pyrosequenc\$   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| duplex PCR same coamplif\$   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| duplex PCR and coamplif\$  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (duplex PCR and coamplif\$ ) and pyrosequenc\$   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (20050089862 or 5840487)   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| 20030054386  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| (multiple or plurality) same pyrograms   |                              | ADJ | YES |  | 11-22-2009 |

|  |                                    |     |     |  |            |
|--|------------------------------------|-----|-----|--|------------|
|  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI |     |     |  |            |
| <b>(multiple or plurality) near pyrograms</b>                              | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>((20050089862 or 5840487) ) and primer extension</b>                    | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>((20050089862 or 5840487) ) and coamplification</b>                     | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>((20050089862 or 5840487) ) and (stop\$)</b>                            | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>((20050089862 or 5840487) and (stop\$) ) and primer extension</b>       | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>10/552155</b>   | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(10/552155 ) ands (duplex PCR)</b>                                      | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(10/552155 ) and (duplex near PCR)</b>                                  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(10/552155 ) and sequential dispensation</b>                            | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>duplex PCR</b>  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>duplex PCR</b>  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(duplex PCR ) and (target same control)</b>                             | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(duplex PCR and (target same control) ) and sequential dispensation</b> | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 11-22-2009 |

|   |                              |     |     |  |            |
|---|------------------------------|-----|-----|--|------------|
| <b>(duplex PCR and (target same control) ) and sequentia\$</b>  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(duplex PCR and (target same control) ) and (sequen\$ same primer extension)</b>                       | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(duplex PCR and (target same control) ) and (sequen\$ same primer extension)</b>                       | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(duplex PCR and (target same control) and (sequen\$ same primer extension) ) and relative quantity</b> | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| <b>(duplex PCR ) same coamplif\$</b>  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 11-22-2009 |
| <b>10/552155</b>  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(10/552155 ) ands (duplex PCR)</b>   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(10/552155 ) and (duplex near PCR)</b>   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(10/552155 ) and sequential dispensation</b>   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>duplex PCR</b>   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>duplex PCR</b>   | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR ) and (target same control)</b>  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR and (target same control) ) and sequential dispensation</b>                                | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR and (target same control) ) and sequentia\$</b>  | PGPB, USPT, USOC, EPAB, DWPI | ADJ | YES |  | 06-30-2010 |

|   |                                    |     |     |  |            |
|---|------------------------------------|-----|-----|--|------------|
| <b>(duplex PCR and (target same control) ) and<br/>(sequen\$ same primer extension)</b>                           | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR and (target same control) ) and<br/>(sequen\$ same primer extension)</b>                           | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR and (target same control) and<br/>(sequen\$ same primer extension) ) and relative<br/>quantity</b> | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR ) same coamplif\$</b>  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 06-30-2010 |
| <b>(duplex PCR same coamplif\$ ) and @pd &gt;<br/>20091120</b>  | PGPB, USPT,<br>USOC, EPAB,<br>DWPI | ADJ | YES |  | 06-30-2010 |